

Ho-Pac[®]

Allied's all new Model 300B and Model 500B hydraulic vibratory compactor/drivers



The extreme Ho-Pac®— introducing a new generation of compacting.

Allied Construction Products, LLC's continuous product improvement has now made a highly successful product—the Ho-Pac—even better with introduction of the Model 300B and 500B. The new models now deliver more impact energy, longer base plates, a four-function valve, three to four motor options **and all-new, maintenance-free sealed bearings.**

Allied pioneered the concept of the hydraulically-operated vibratory compactor/driver. Using an eccentric, rotating weight that creates vibration and impulse energy, the carrier-mounted Ho-Pac provides the needed forces for effective soil compaction and driving.

Rugged. Versatile. Reliable. The Model 300B and Model 500B are small, but pack plenty of power and perform a variety of jobs efficiently. Designed for use on mini-excavators, rubber-tired backhoes and trenchers with backhoe attachment, these models are ideal for narrow trench work. It can compact to 2 to 3 foot* lifts and operate with impulse force of 3,000 (300B) pounds/5,000 (500B) pounds at 2,000 cycles per minute with a minimum gpm (6, 9, 14 or 18 for 300B and 9, 14 or 18 for 500B) from the carrier.

Model 300B and Model 500B Ho-Pac advantages include:

- New eccentric housing design encloses and protects motor
- Larger eccentric with mass further away from shaft centerline helps to increase impulse force
- Longer base plate (12" x 22" or 13" x 27") provides greater compaction area
- New hose routing for better protection
- Three or four motor options offer versatility in matching carriers
- New bearings provide maintenance-free lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction

The Allied Model 300B and Model 500B Ho-Pacs operate off of the machine's own hydraulic system and reaches out to work anywhere the machine's boom can reach. And, the Ho-Pac interchanges with the machine's bucket in minutes. An optional swivel-top mounting bracket permits precise positioning of the Ho-Pac without repositioning the carrier.

Whatever the application, whatever the demands, Allied's Model 300B and Model 500B will stand the test.

* Depending upon job and soil conditions.

**Select the configuration which best matches maximum carrier flow.

Varies with the motor. *Optional.

Mounting Type Descriptions:

XSF-Mini-Excavator Side-Frame Mounting

XR-Mini-Excavator Top-Mounting



Model 300B and Model 500B Specifications

Model		300B	500B
Mounting Type		XSF/IN 1-IN 2-XR	XSF/IN 1-IN 2-XR
Impulse Force	lbs.	3,000	5,000
	(n)	(13340)	(22240)
Cycles Per Minute		2,000	2,000
Hydraulic Flow Required	gpm	6/9/14/18**	9/14/18**
	lpm	(23)(34)(53)(68)	(34)(53)(68)
Hydraulic Pressure	psi	2,800/2,800/ 2,500/2,000***	2,800/2,500/ 2,000***
	(bar)	(193)(193) (172)(138)	(193)(172) (138)
Working Weight (XFS) w/o mounting kit	lbs.	310	415
	(kg)	(141)	(188)
Working Weight (XR) w/o mounting kit	lbs.	305	435
	(kg)	(138)	(197)
Height (XSF)	in.	23	25
	(cm)	(59)	(61)
Base Plate Dimensions	in.	12 x 22	13 x 27
	(cm)	(31 x 56)	(33 x 69)
Space Inside Bracket (XSF) (Pin-on)	in.	6.68	6.68
	(cm)	(17)	(17)
Mounting Pin Diameter (Pin-on)	in.	0.98-1.97	0.98-1.97
	(mm)	(25-50)	(25-50)
Space Inside Bracket (XR) (Bolt-on)	in.	Varies	Varies
	(cm)	Varies	Varies
Mounting Pin Diameter (Bolt-on)	in.	Varies	Varies
	(mm)	Varies	Varies
Swivel-Top Mounting Bracket****			
Weight	lbs.	165	165
	(kg)	(75)	(75)
Additional Height	in.	10.7	10.7
	(cm)	(27)	(27)
Recommended Carrier Weight	lbs.	3,000-12,000	6,000-15,000

For sales and service, contact your Allied Distributor:



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